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DESCRIPTORS: *Electrons, *Photons, *Perturbation theory, *Green's function, Integrals, Operators (Mathematics), Differential equations.

The equations for the Green's function are formulated so that they contain only renormalized quantities expressed in terms of experimental values of the charge and mass of the electron. The renormalization is carried out in very general form in order that the results may be carried over to mesodynamics without difficulty.

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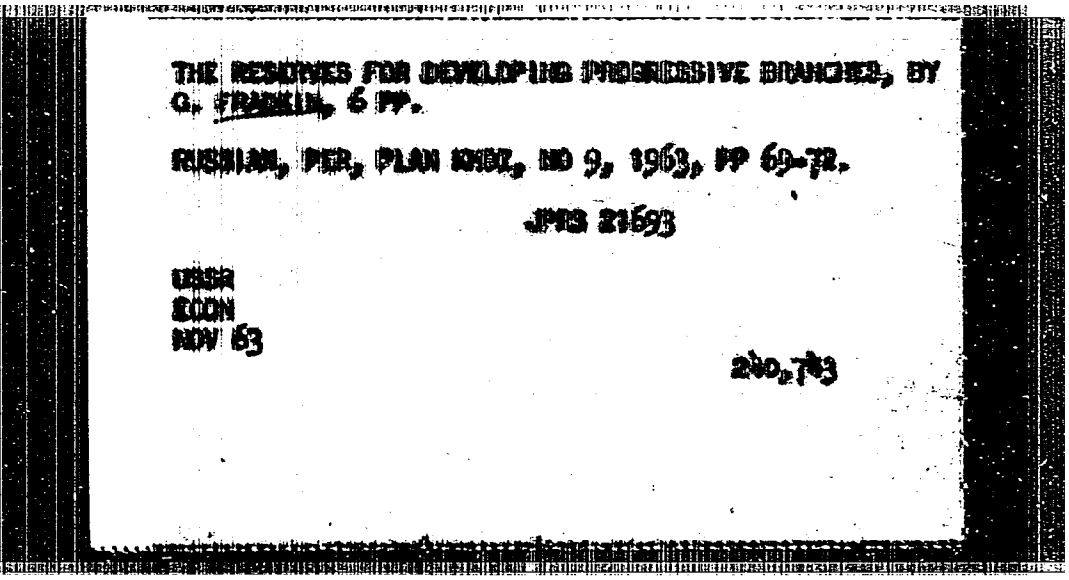

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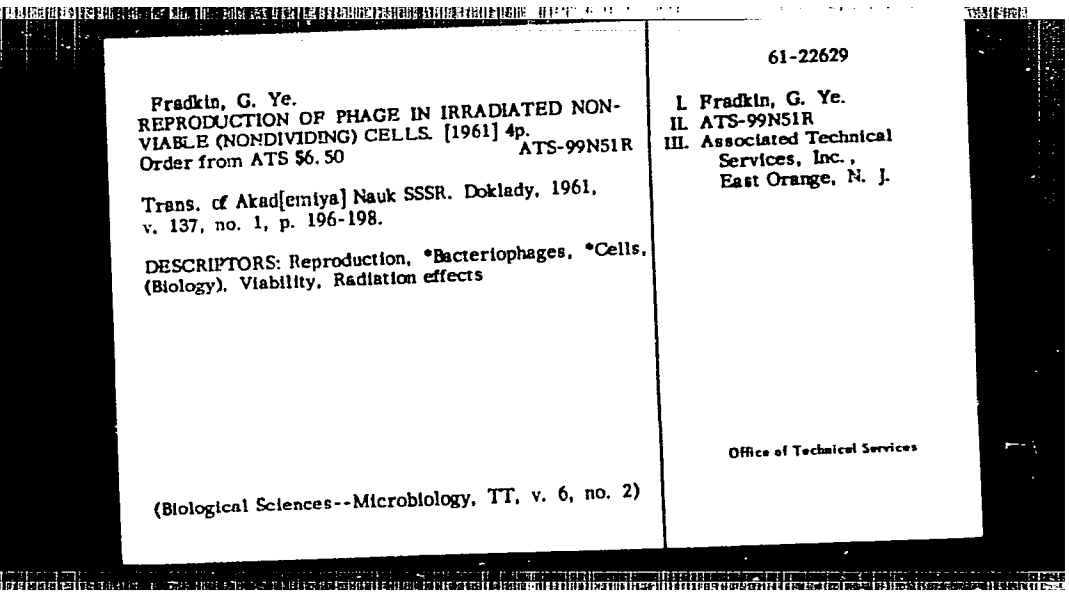

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DESCRIPTORS: *Optics, Theory, Diffusion, Reflection, Absorption, *Blackbody radiation, Light, Mathematical analysis.

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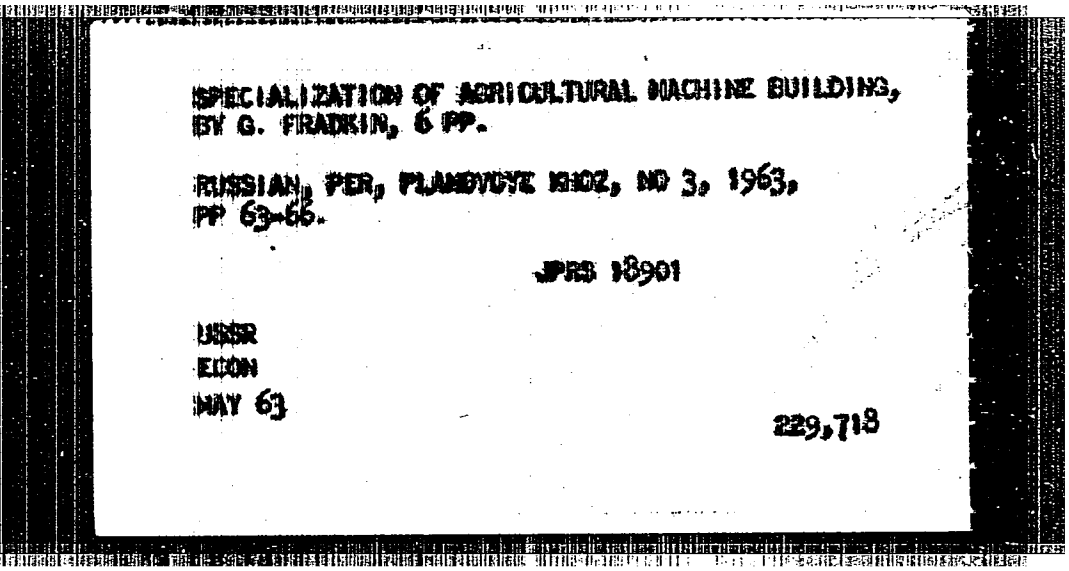

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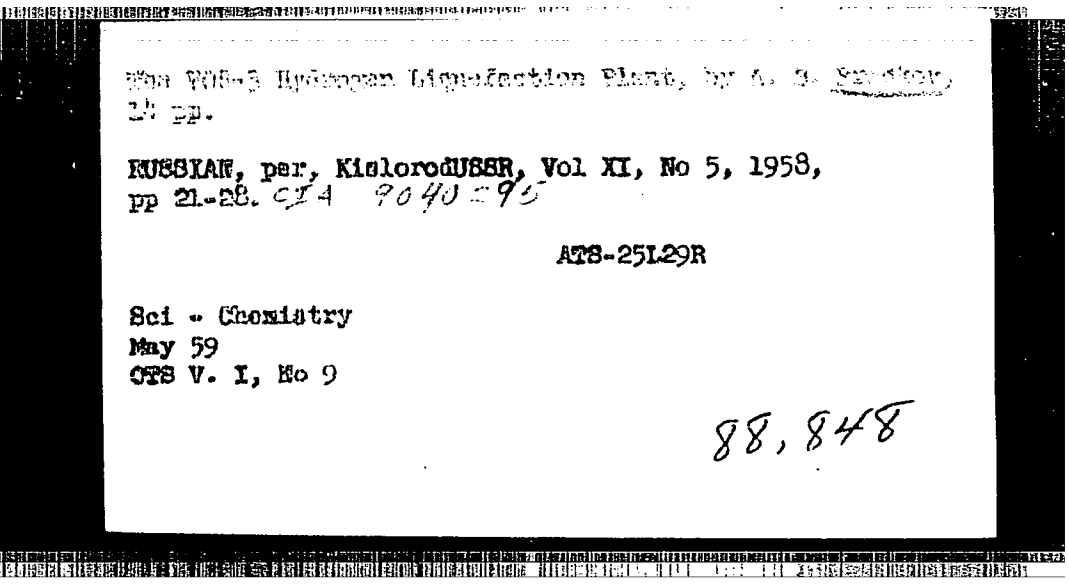

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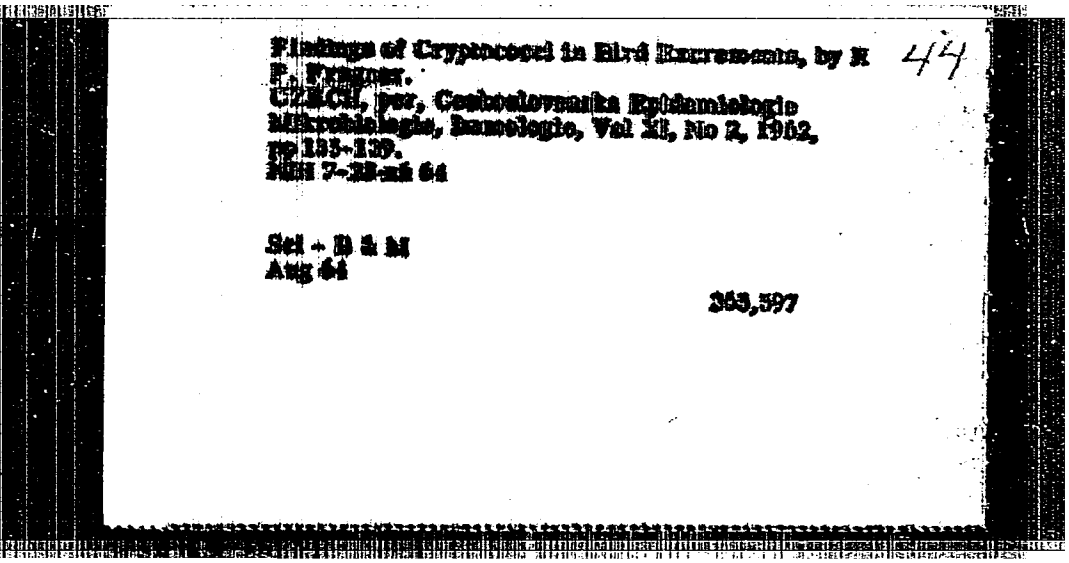

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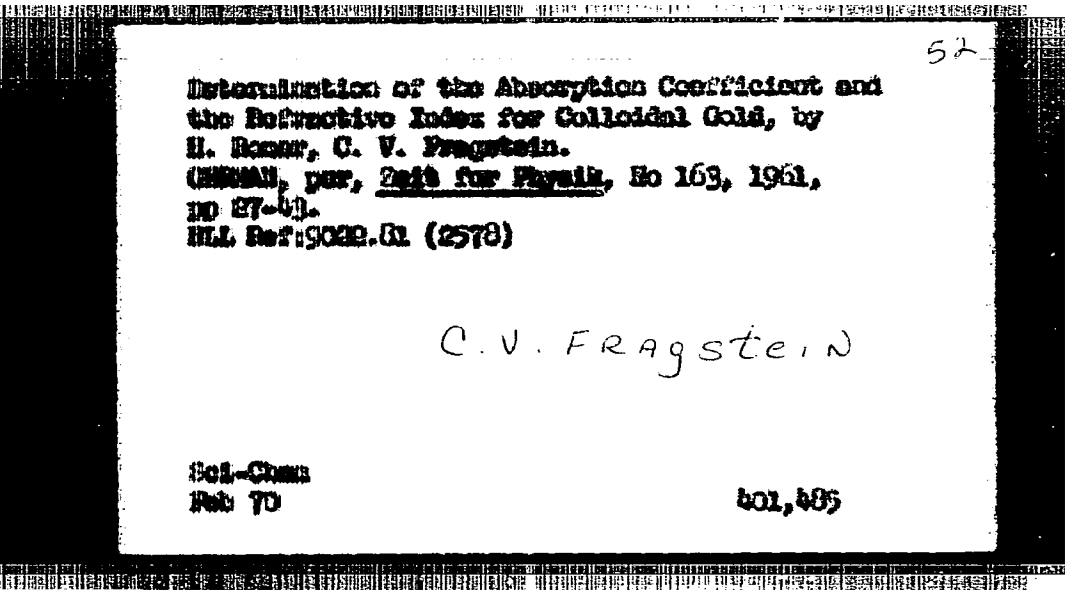

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